



Radio Frequency Exposure

Applicant : ZOOM Corporation

Address : 4-4-3 Kanda-surugadai, Chiyoda-ku, Tokyo 101-0062, Japan

Equipment : BTA-1a

Model No. : ZD0460

Trade Name : ZOOM

FCC ID : 2BWEY-ZD0460

I HEREBY CERTIFY THAT:

The sample was received Jun. 09, 2026 and the testing was completed on Jul. 07, 2026 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Supervisor

Laboratory Accreditation:

Cerpass Technology Corporation Test Laboratory



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History of this test report

Report No	Issued Date	Description
26060060-TRFCC02	Jul. 15, 2026	Initial Issue



1. Summary of Test Procedure and Test Results

1.1 Applicable Standards

FCC Rules and Regulations Part 2.1091

FCC Rule	Description of Test	Result
2.1091	Radio Frequency Exposure	PASS
*The lab has reduced the uncertainty risk factor from test equipment, environment and staff technicians which according to the standard on contract. Therefore, the test result will only be determined by standard requirement, measurement uncertainty evaluation is not considered.		



2. Test Configuration of Equipment under Test

2.1 Feature of Equipment

Equipment	BTA-1a
Model Name	ZD0460
Model Discrepancy	N/A
Frequency Range	BLE: 2400MHz-2483.5MHz
Modulation Type	GFSK
Data Rate	GFSK: 1Mbps, 2Mbps
EUT Power Rating:	DC 3.3V 10mA

Note: For more details, please refer to the User's manual of the EUT.

**2.2 General Information of Test**

Organization	Cerpass Technology Corp.	
Test Site	Cerpass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel:+886-3-3226-888 Fax:+886-3-3226-881	
	FCC	TW1439, TW1079
	IC	4934E-1, 4934E-2
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 9kHz to 25,000MHz	
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.	



2.3 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Item	Uncertainty
AC Power Line Conduction(150kHz~30MHz)	±3.2dB
Radiated Spurious Emission(9kHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.2dB
Radiated Spurious Emission(1GHz~25GHz)	±5.2dB
Conducted Spurious Emission	±2.1dB
6dB Bandwidth	±4.4%
20dB Bandwidth	±4.5%
Occupied Bandwidth	±4.4%
Peak Output Power(Conducted Power Meter)	±1.1dB
Dwell Time / Deactivation Time	±3.5%
Power Spectral Density	±2.0dB
Duty Cycle	±3.5%



3. Test Equipment and Ancillaries Used for Tests

Test Item	RF Conducted				
Test Site	RFCON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Spectrum Analyzer	ROHDE & SCHWARZ	FSP 40	100047	2026/02/24	2027/02/23
Attenuator	KEYSIGHT	8491B	MY39250703	2026/01/29	2027/01/28
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2025/10/13	2026/10/12
Power Meter	Anritsu	ML2495A	1224005	2026/01/27	2027/01/26
Power Sensor	Anritsu	MA2411B	1207295	2026/01/27	2027/01/26
Switch Box	Theda	1-4	TW5451159	NA	NA



4. Radio Frequency Exposure

4.1 Applicable Standards

The measurements shown in this test report were made in accordance with the procedures given in FCC Part 2 (Section 2.1093)

4.2 Limit

KDB 447498 D01 § 4.3(a)

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

*f(GHz) is the RF channel transmit frequency in GHz

* Power and distance are rounded to the nearest mW and mm before calculation

*The result is rounded to one decimal place for comparison

*The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion

4.3 Test Results

According to the KDB447498:

The SAR test exclusion thresholds Level:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot \sqrt{\text{freq. in GHz}} < 3$

Calculation

Channel	Measured power (dBm)	Tuneup tolerance (dBm)	Max. tuneup Power (dBm)	Peak output power (mW)	Distance (mm)	Calculation results	Limit
2.402	1.66	± 1	2.66	1.845015419	5	0.5719	3

Then SAR evaluation is not required

----- THE END OF REPORT -----